

ABSTRACT OF THE DISCLOSURE

A multibeam scan apparatus includes a light source having semiconductor laser diodes and coupling lenses arranged in a main scan direction. The 5 semiconductor laser diodes are positioned so that light beams emitted by the semiconductor laser diodes substantially cross each other at a point. A light beam restricting unit shapes the light beams from the laser diodes through the coupling lenses so that the light 10 beams have a given spot size. The light beam restricting unit is positioned close to the above-mentioned point. A scan lens causes the light beams reflected by a polygonal mirror to form images on a scanned surface.

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